

REMARKS

Claims 1-15 are pending in the application. Applicants amend claims 1, 6, and 11 for further clarification, and refer to Fig. 10(c) and its corresponding description in the specification for an exemplary embodiment of and support for the claimed invention. Applicants amend claim 10 for a minor correction. No new matter has been added.

Claims 1-15 stand rejected under 35 U.S.C. § 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter of the invention.

Applicants amend claims 1, 6, and 11 to clarify the objected-to “topology information” feature, and respectfully request that the Examiner withdraw the § 112, ¶ 2 rejection.

Claims 1, 6, and 11 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent No. 6,785,730 to Taylor in view of U.S. Patent No. 5,675,741 to Aggarwal et al. and U.S. Patent No. 6,292,489 to Fukushima et al.; claims 2, 5, 7, 10, 12, and 15 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Taylor, Aggarwal et al., Fukushima et al., and further in view of U.S. Patent No. 5,687,167 to Bertin et al.; and claims 3-4, 8-9, and 13-14 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Taylor, Aggarwal et al., Fukushima et al., and further in view of U.S. Patent No. 6,275,470 to Ricciulli. Applicants amend claims 1, 6, and 11 in a good faith effort to further clarify the invention as distinguished from the cited references, and respectfully traverse the rejections.

Again, the cited portions of Taylor only include description of a protocol translator for translating messages to and from devices, such as wireless devices, between protocols, such as the WAP. The Examiner relied upon Aggarwal et al. as a combining reference that allegedly suggests calculating an IP route, and relied upon Fukushima et al. as a further combining reference to suggest “setting traffic control parameters in network devices.” Thus,

none of these references, as cited and relied upon by the Examiner, include any disclosure or suggestion of the claimed feature of mapping both of a first network service parameter used in a protocol for band reservation and routing information into a second network service parameter that is used in another protocol for priority-based control.

In other words, even assuming, arguendo, that it would have been obvious to one skilled in the art to combine Taylor, Aggarwal et al., and Fukushima et al. at the time the claimed invention was made, such a combination would still have failed to disclose or suggest,

"[a] service allocating device in a network where at least one first device, which responds to a network service request for band reservation transmitted by a user in a protocol associated with the first device, and at least one second device, which does not support the protocol of the network service request, are connected, said second device having a setting of which can be modified from outside said second device, comprising:

a network information collecting section for obtaining information about a network service provided by the first device, responsive to the network service request, by communicating with said first device;

a setting device determining section for specifying the second device, which does not support the protocol of the network service request, by calculating an IP route for providing the network service to the user based on information from the network information collecting section, wherein the IP route is from an IP source address (SA) to an IP destination address (DA) and the IP route is calculated from a pair of the SA and DA, a relay router that constitutes an IP network, topology information on a connection relation of the relay router, and routing information;

a service mapping section for mapping both of a first network service parameter used in the protocol for band reservation and routing information into a second network service parameter to be set in the second device specified by the setting device determining section, where the second network service parameter is used in another protocol for priority-based control; and

a service setting section for communicating with the second device and setting the second network service parameter obtained by the service mapping section in the second device,

thereby said service allocating device responds to the network service request by controlling the parameter values of the second device, allowing the second device to provide a network service corresponding to the network service provided by the first device, according to the network service request received by the first device," as recited in claim 1. (Emphasis added)

Accordingly, Applicants respectfully submit that claim 1 is patentable over Taylor, Aggarwal et al., and Fukushima et al., separately and in combination, for at least the foregoing reasons. Claims 6 and 11 incorporate features that correspond to those of claim 1 cited above, and are, therefore, patentable over the cited references for at least the same reasons. The Examiner relied upon Bertin et al. and Ricciulli as further combining references to specifically address the additional features recited in dependent claims 2-5, 7-10, and 12-15, respectively. As such, the additions of these references would still have failed to cure the above-described deficiencies of Taylor, Aggarwal et al., and Fukushima et al., even assuming, arguendo, that such additions would have been obvious to one skilled in the art at the time the claimed invention was made. Accordingly, Applicants respectfully submit that claims 2-5, 7-10, and 12-15 are patentable over the cited references for at least the foregoing reasons.

In view of the remarks set forth above, this application is in condition for allowance which action is respectfully requested. However, if for any reason the Examiner should consider this application not to be in condition for allowance, the Examiner is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper may be charged to Deposit Account No. 50-1290.

Respectfully submitted,

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